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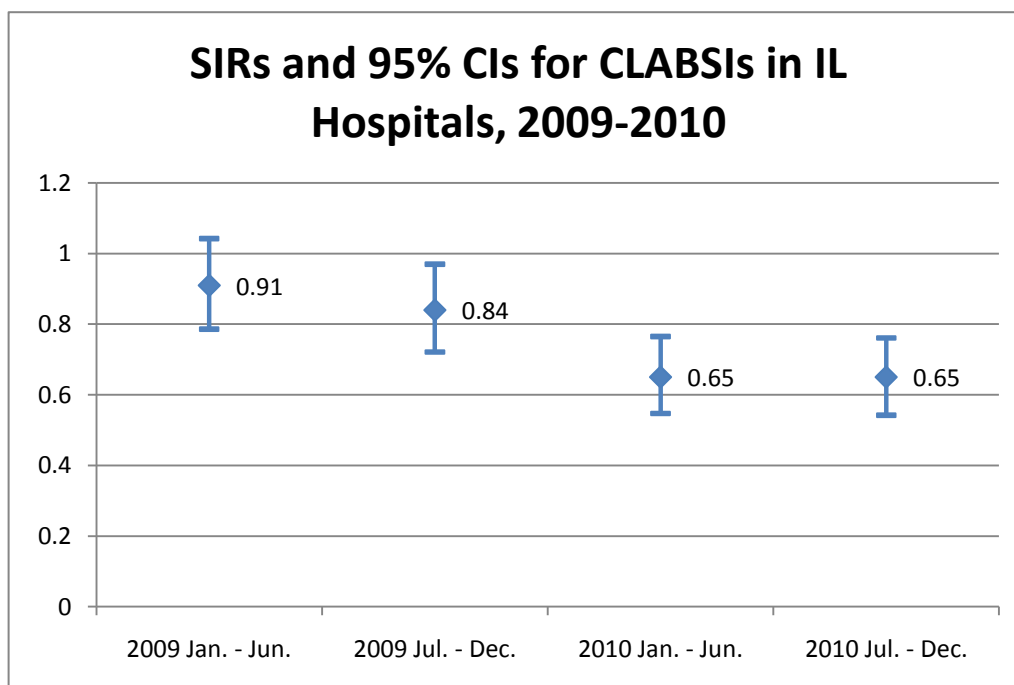
Illinois Hospitals Reduce Infections

July 2011

Fewer central line-associated bloodstream infections (CLABSIs) occurred in Illinois hospitals in 2010 than in 2009, and the state's standardized infection ratio for CLABSIs reduced significantly. In 2009, 383 CLABSIs were reported in adult intensive care units in Illinois; in 2010, only 282 were reported.

Illinois hospitals have been reporting CLABSI data to the Illinois Department of Public Health using the CDC's National Healthcare Safety Network since October 1, 2008. The data presented here are from adult intensive care units (ICUs) during 2009-2010. For additional information on Standardized Infection Ratios (SIRs) and Confidence Intervals (CIs), see the methodology section of the Illinois Hospital Report Card website.

This graph shows that the SIR for 2010 is significantly lower than that observed in 2009. Between 2009 and 2010, the SIR for all Illinois hospitals decreased significantly and remained at this decreased level through the second half of 2010. During the first half of 2009, Illinois hospitals observed 9% fewer infections than expected, but the number of infections observed was not statistically significantly less than the number expected. For the year 2010, Illinois hospitals observed 35% fewer infections than expected, and the difference between observed infections and expected infections was statistically significant.



More than 75% of Illinois hospitals had the same number or fewer CLABSIs in 2010 compared with 2009. Almost 1/3 of Illinois hospitals (31%) reported zero CLABSIs during 2009 and 2010.

Illinois hospitals have made great strides in preventing CLABSIs and other infections in recent years. Over 75 hospitals have participated in a collaborative effort coordinated by the Illinois Hospital Association to reduce bloodstream infections and promote a culture of safety.

Hospitals report CLABSI data themselves, and efforts are underway to conduct validation of the data reported into the NHSN system. Beginning in August 2011, experienced professionals will visit randomly selected hospitals to ensure that CLABSIs are reported appropriately and accurately.